

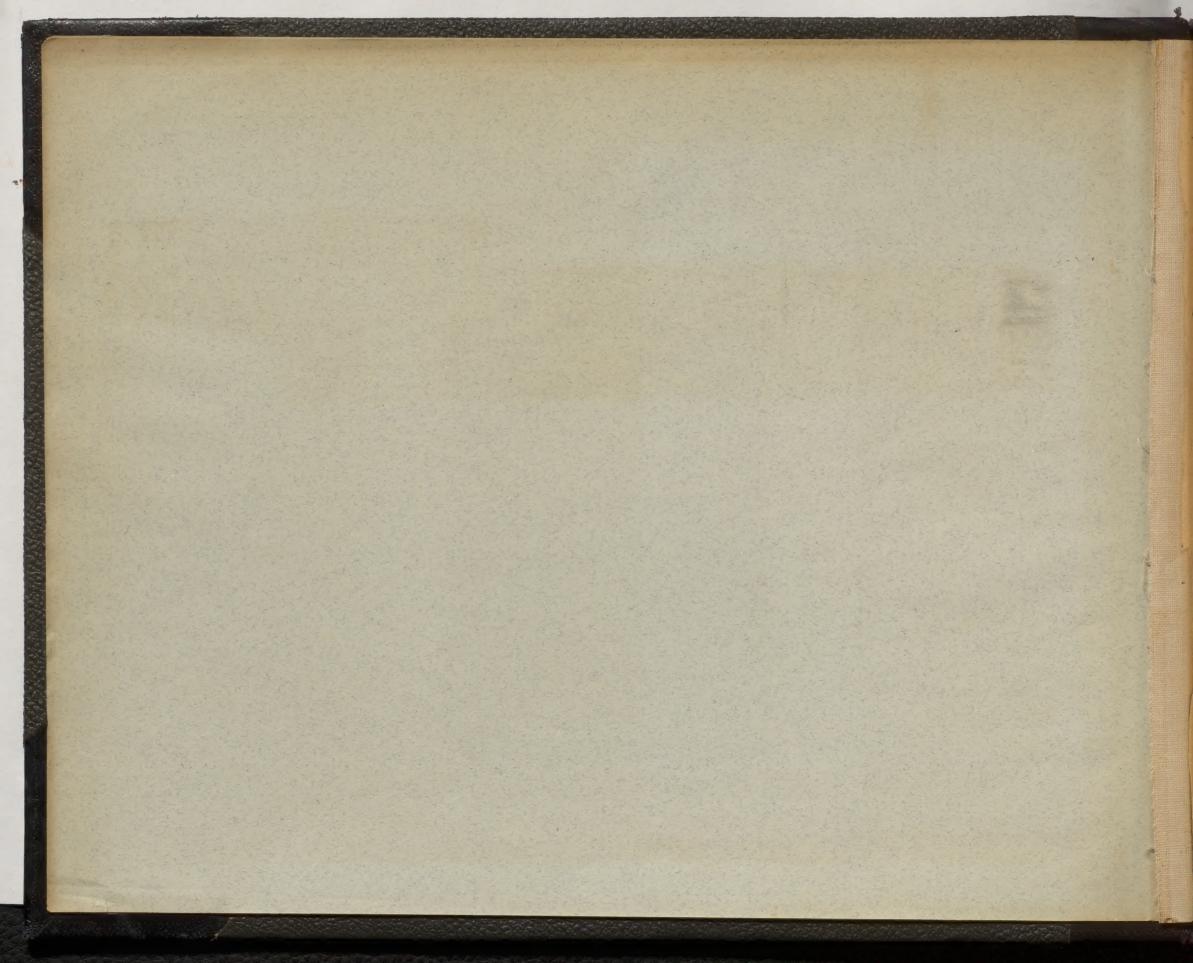
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Ellen I Woodward 1893



GEOLOGICAL SURVEY OF SCOTLAND,

(Office, Sheriff Court Buildings, Edinburgh,)

Zoch Broza, Broza

Sofst; 7. 91

Dear Woodward,

Enclosed is my

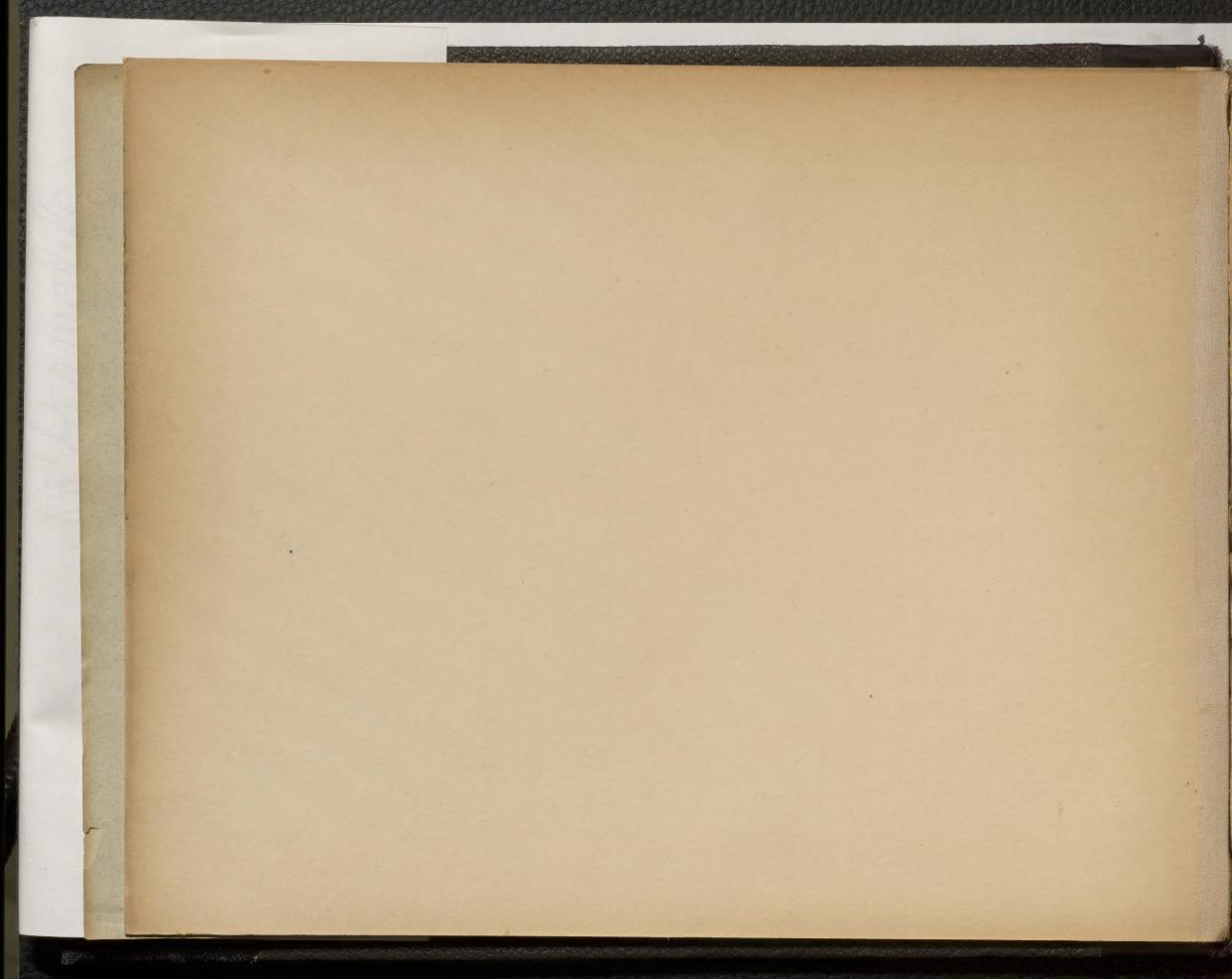
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Hough Muller

H. B. Woodward Cy.



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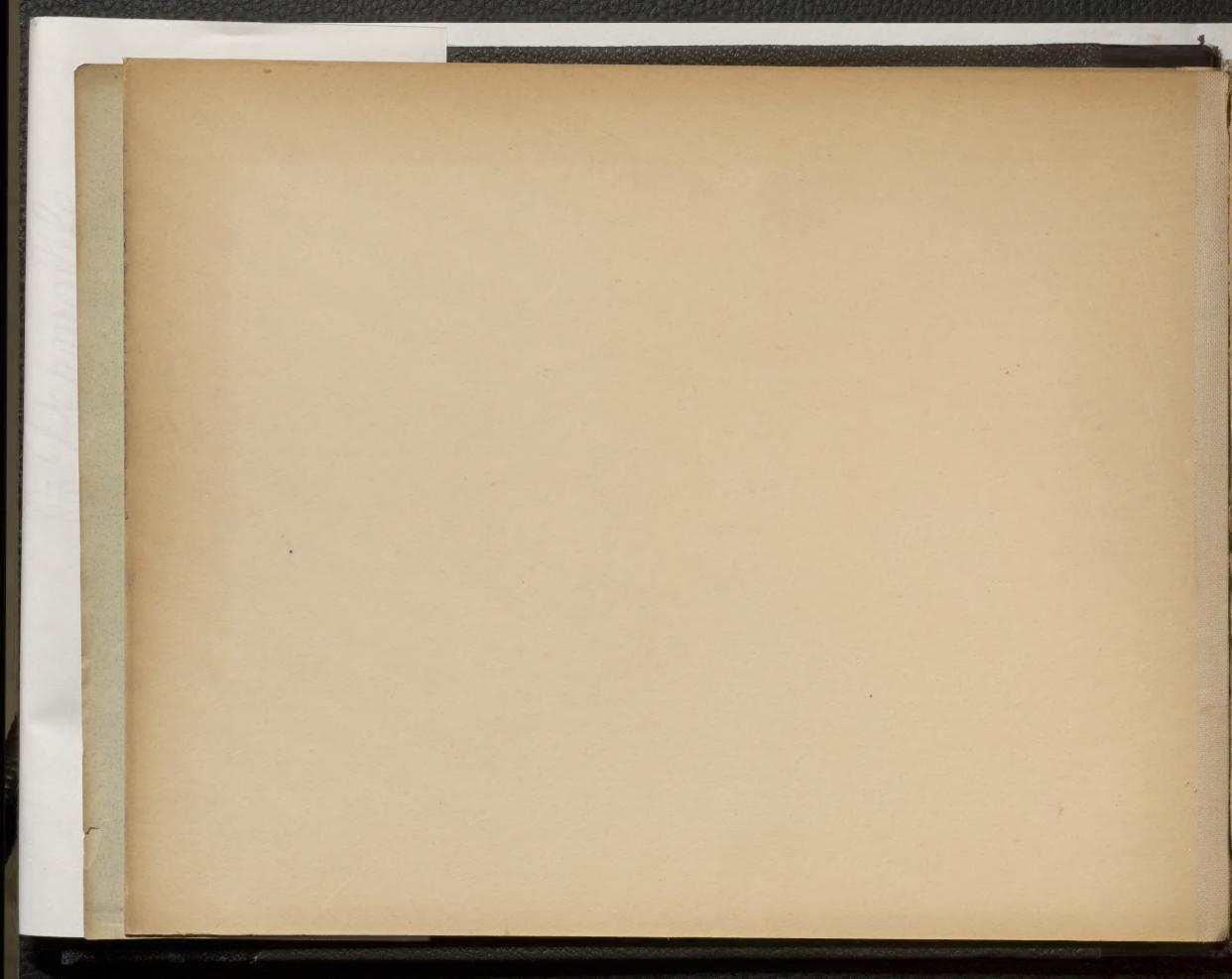
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Ven ble Stevery Ralph Nevill, Archdencow of Prorfolk 1872; Canon of Norvoich 1873; Born 14 June 1822. Educated at Bugby, & miversity College Oxford. Deacon 1848; broar of St. Marks Lakenham 1854-58 bicar of It Nicholas Great Jarmonth 1858-43. Non. Canon Norvoich 1860-43.

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COLUMBIA COLLEGE

MADISON AVE. & 50TH ST.

Ny June 4 4886 Mr Henry Wordward My Dear Sis The bearer Mr. J.L. Grewleaf is a talented young Engener and one ofour most popular instuctors a the School of elling He a gray to England Toryamere Schools of Engreency as he has no freedy in Andow. I ventur to ask of Ju will put her hy a

COLUMBIA COLLEGE,

MADISON AVE. 4 49 IH ST.

N.Y. Feby 13. 1888

Dr Henry Woodward elly Dear Sir Jew Kind letter of the 1 stint Anudnot say that I shall take the greatest pleasure in bringing The Met of your daughter story before Ellis Dodge, the Editor of It Nicholas, and will Comment it when in such away as well become for I her respect and attention Study w Today a

Professor John Strong heisberry, m.D., born Dec. 22 2 1822 at heis Winders Connecticut, dud Dec. Y. 1892. Ite was educated for the medical profession, & graduated in 1846 at the western Reserve Coll. Lafterwards at Cleveland medical Coll. in 1848. He travelled in Europe 1849-50. & entered upon private practice as a physician in Cleve. -land Olio the following year In 1855 ice joined an expedition to Ceplore the country between Jan Francisco & ble Columbia River. In 1854-58 he explored the Canions of the Colorado, a shortly after hrocicuted his geological researches in hew melies, Arizona & lotale. In 1866 le was appointed Professor of geology in the School of himes, Columbia Coll. new york. I los years luter be was made state Jeologist of Ohio. In 1883 he was made a Foreign member of the Geol. Soc. longh. I was awarded the Emerchison Inedal in 1888.

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COLUMBIA COLLEGE,
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N.Y. Feby 13. 1888

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H. Alleyne hi cholson

Professor Stewy Alleyne Michalson M.a., D. lel, Ph.D. J. G.S. born at Pervilte Cumberland Sep 11. 1844. Educated at the universities of Eduburgh & Gottingen. Ve was appointed Sections on hat. - wal Itistory in the medical School of & Simb. 1869. Prof. hat. Stist: & Botung at the University of Toronto und 1841. Prof. of Bislogy * Physiology in the University! of Werlune 1874. Prof. of hat that. in the university of It andrews 1875, & Swiney Secturer on jest. to the British museum 1844. In 1882 he was appointed Regues Prof. of natural History in the University of Aberdeen, which appointment he still holds. He is author of various works on geology. Peldontology A Goology. He was elected to the Royal Society in 1897, I died nov. 15th 1898.

Sept. 22 29/9,

hy dear hirdward, Thave to-day despatched a by sdragramy Lanther of specimens to the B. M. for the Farmer lectures. The Coxes are addressed to my a I should be much obliged of you would drop me a card & let me know of their safe amival. Brand may as well open them & put the

Prof. A. A. Nieholson, MD. FRIE.

april 12 4/92 My dear brodward it was very find of Jun to think of abercleen in connection with your vacancy. Three weeks ago Thad a good man whom I could have Sent Ju; but he has just accepted a portalward I have no one now fit for your 220th. 4 :001 c



H. Alleyne hi cholson

Professor Genery Alleyne Michalson M.a. D. Lel, Ph.D. I. g. born at Penville Cumberland Sep 11. 1844. Educated at the Universities of -Eduburgh & Gottingen. Ite was appointed Sections on hat. - wril Itistory in the medical School of Edinb. 1869. Prof. hat. Stist & Botung at the University of Toronto en 1841. Prof. of Billoy * Physiology in the University! of Durham 1874. Brof. of hat. Hest. in the university of It andrews 1875, & Swiney Sectioner on jest. to the British Imseum 1877. In 1882 he was appointed Regues Prof. of natural History in the University of Aberdeen, which appointment he still holds. He is author of various works on geology. Perlatontology A Toology. He was elected to the Bryal Society in 1897, I died not 15th 1898.

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H. Alleyne hicholson

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Prof. A. A. Nicholson, M. FRIE.

april 12 4/92 my dear bordward it was very find of you to think of abercleen a cornection with your vacancy. Three weeks ago Thad a good man whom I could have sent Jon; but he has just accepted a portalmad I show no one now for for your rock. I will be

Dice. Admiral Sir George Strong Mares, Jr. C. B., F. K.S., born in 1831. Educated at the Royal naval College, new Cross. First our Service in N.M.S. County afterward in St. M.S. Havenmale. Was mali onboard the Resolute in the Autoratic Repeditions of 1852-54 Ite served on H. M.S. glatton dearing the Crimean War. In 1854 he was promoted to be Commander & was askached to the Boscowen. 1872 -74 he commanded the Chalinger employed on deep. Ma exploration after which he was appointed to Command the Arctic Repedition with the Alert & Discovery which left England in May 18 15 with the hope of reading the Pole. The Expedition returned Och. 27th 1876 Captin haves was made a H.C.B. on Dec.1.



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[Extracted from the Geological Magazine, Decade IV, Vol. VIII, No. 447, p. 429, September, 1901.]

BARON NILS ADOLF ERIK NORDENSKIÖLD,

Ph.D., For. Memb. Geol. Soc. Lond., Naturalist and Arctic Explorer.

BORN NOVEMBER 18, 1832.

DIED AUGUST 13, 1901.

WITH deep regret, we have to record the sudden death near Stockholm of Professor Baron Nordenskiöld, the eminent Naturalist and Arctic Explorer. Of a Swedish family long settled in Finland, Nordenskiöld was born in Helsingfors, the capital of that country, his father, Dr. Nils Gustaf Nordenskiöld, the eminent mineralogist, who died in 1866, being at that time Director of Mines for Finland. Naturally, therefore, his ardent sympathies were always enlisted in favour of the land of his birth.

His family had long been eminent in science, and his inherent tastes were fostered and developed by the surroundings of his home at Frugard, which contained extensive collections of minerals and natural history specimens, and by his journeys with his father. On entering the University of Helsingfors in 1849 he devoted himself almost entirely to scientific studies, spending his vacations in excursions to the rich mineral localities of Finland. In 1855 he took his degree as licentiate, and was immediately appointed a mining official of the Government. From this post, however, he was dismissed in the same year for having indulged in pleasantries at the expense of the Russian Government at a private students' feast. A temporary absence being deemed advisable, he continued his studies at Berlin, but in 1857 returned to take his doctor's degree at Helsingfors. As ill-luck would have it, however, a deputation from the Swedish Universities was then entertained at Helsingfors, and the young doctor in an after-dinner speech again showed his sympathies

1 See GEOL. MAG., 1866, Vol. III, p. 288.



Barow Adolf Erek hordens kirld u I wedeste nuturalist & ceplorer, born in Stellingford hou " 18 = 1832. In fallier was the Chief of the Finland hining Defrartment. Le was l'ducaled at the gymnasum at Borgo 1 200 the delengford unversity. In 1858 he accompanied Torell to Spitzbergen; Oro his return to Stockholmo, he was nommated Virector of the Immeralogical Department: In 1868 in the sofia the reached the high latitude 81°42. In 1875 he sailed through the Vara wa to the genesses & ascended the rever en a small book, returning home overland. In 1845 he started in the Vega, the was the first vessel to double the most northern hart of the old world, Capo Tchel. - ms Rin, he wintered in Bering Straits & reached Japan on dep 2. 1849

du board Privew. Juw. 18)5.

My Dear Sir,

I take hereby i liberty to witholice to you Ms E. Er I am , excelent within of sever excellent geological papers, Lebreton of the Gological Society of Stock halin etc. Her personal acquain. touce with the cortor of the first geo. logical journal of the present time wile us over bl a, of great edventige for knowledge of the scared naview go Cagical teters e beyond the frontiers of Scaudilian.

7 receasin fir

your most truly 149. St. Pauls Road Arvoverdiet Compose Egr. N.W.

too plainly. The affair might have been smoothed over, but Nordenskiöld refused to apologise, and was banished the country.

As may be supposed, the viking philosopher was received with open arms by the Swedes, and after little more than a year was appointed Professor and Keeper of the Mineralogical collections at the Vetenskaps-Akademi in succession to Mosander. Earlier in the same year (1858) he had entered on his Arctic travels by accompanying Torell to Spitzbergen, and in 1861 the two geologists undertook a more complete exploration of the island. Three years later Nordenskiöld headed an expedition, which mapped the southern part of Spitzbergen, and started the great work of measuring an are of the meridian in those regions. The explorers met with some shipwrecked walrus hunters, however, and were obliged to return, their provisions being inadequate to maintain so large an addition to the party. Nordenskiöld now had higher ambitions, but money was lacking, and turning for help to the rich merchants of Gothenburg he initiated the long alliance with Oskar Dickson, productive of so much good to Arctic exploration. The steamer Sofia, which carried the winter post to Gotland, was obtained, and in 1868 Nordenskiöld, with the present cabinet minister, Baron F. W. von Otter, as navigating officer, managed to attain the high latitude of 81 deg. 42 min.—a latitude previously exceeded only by Parry, who in 1827, going with sledges from the Hecla in the same direction, reached 82° 45' N. Subsequently this attainment has been surpassed more than once, as by Charles Hall, who in 1871 reached 82° 16', Payer in 1874 (82° 5'), A. Markham in 1875-6 (83° 20'), Lockwood of the Greely Expedition in 1884 (83° 24'), while the exploits of Nansen (86° 14') and the Duke of Abruzzi, 22 miles further north, will be fresh in the memory of our readers.

In 1870 Nordenskiöld set out on a short visit to Greenland to ascertain if possible whether Esquimaux dogs would be suitable for sledge-journeys to the pole. During his stay in Greenland he made an expedition into the interior over the inland ice-sheet and examined the Tertiary plant deposits at Atanekerdluk, where he discovered erect bituminized tree-trunks of Tertiary age in situ, proving that they had grown upon the spot (some were 2 feet in diameter), associated with beds of lignite and layers of dicotyledonous leaves. He also made important observations upon the inland ice-sheet and the glaciers on the coast, and discovered the great blocks of so-called meteoric iron at Ovifak, the largest of which weighed about 19 tons, the next 8 tons, and the third 6 tons. (See Prof. Nordenskiöld's account of his voyage, Geol. Mag., 1872, Vol. 1X, pp. 289, 355, 409, 449, 516, and 88.) These masses are now shown to be of telluric origin and to have been ejected probably in Miocene Tertiary times, with the deep-seated basaltic flows through which metallic iron, of a similar character, is found to be disseminated. His belief in their cosmic origin, however, was fortunate in so far as it led Nordenskiöld to the further study of meteorites, while his observations on the surface of the Arctic ice-fields led to the well-known speculations on the falling of Nordenskiöld felt convinced that he could reach a much higher latitude by wintering in Spitzbergen and utilizing sledges. Accordingly he sailed thither in 1872 in the Polhem, accompanied by two tenders. Unfavourable conditions of the ice rendered the geographical results less important than he hoped; but he discovered fossil plants of great importance to the history of climatology during former geological epochs. Moreover, with Lieutenant Palander, now the Swedish Minister of Marine, he successfully surveyed part of North-East Land, and in the following July the vessels were extricated from their winter quarters at Mossel Bay, on the north coast of Spitzbergen, and returned home richly laden with important scientific collections.

Nordenskiöld now turned his attention to the exploration of Siberian waters, and in 1875, following the pioneers Carlsen (1869) and Wiggins (1874), he sailed through the Kara Sea to the Yenissei, and ascended the river in a small boat, returning home overland. In the following year, after a flying visit to the Philadelphia Exhibition, he introduced merchandise by sea to Siberia, returning in the autumn with his steamer by way of the Kara Sea and Matotschkim Sound. These experiences gave Nordenskiöld a reasonable hope of accomplishing the North-East Passage, and the King of Sweden, Mr. Oskar Dickson, and Mr. Sibiriakoff at

once lent their aid to the project.

In July, 1878, Nordenskiöld, with Palander as navigator, started in the Vega, accompanied by two smaller ships. She was the first vessel to double the most northern point of the Old World—Cape Tchelyuskin. She wintered near Behring's Straits, and once more free in July, 1879, reached Japan on September 2. After a triumphal passage home around Asia and Europe, Nordenskiöld was enthusiastically welcomed at Stockholm on April 24, 1880, and laden with honours, being created Baron and appointed a Commander of the "Nordstjerne Orden" (Order of the North Star). In 1883 Nordenskiöld made his second voyage to Greenland, where he investigated the inland ice, and succeeded in penetrating with a ship through the dangerous ice-barrier along the east coast of that country south of the Polar circle, a feat in vain attempted during three hundred years by different Arctic expeditions.

Thus, at the age of 51, he brought to a close a career of exploration comparable in the magnitude of its results with that of a Vasco di Gama or a Maghelhaëns. But his intellectual activity was by no means ended. His own explorations furnished material for numerous books and memoirs, such as the account of his first visit to Greenland in 1870 (see Geol. Mag., loc. cit.), "The Voyage of the Vega round Asia" (1881), and the "Second Swedish Expedition to Greenland" (1885). His professional work as Keeper of the Mineralogical Division of the State Museum in Stockholm led him to contribute many valuable papers to the publications of the Academy of Science and various technical journals, as those in which he described the new minerals Crookesite, Laxmannite, Thaumasite, and Cleveite. Combined with his love of active

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to you Mr E. End and, excelent when of sear of the Gological Society of the Gological Society of the Hit personal acquain to with the criter of the first ges. logical journal of the present time will us drubt be, of great edwentige for throwthings of the scaes as an gen agical tetres a beyond the frontiers of Scaes.

H. Woodword. Ergr. ARVorde 149. St. Pauls Roas Toughton egr. N.W.



A :-- :- of Nordenskiöld's work, even in its most active national interesting the public very remote and speculative, sometimes the stand is not absolutely erroneous, but leading as a rule to specific the results of practical value. Thus his views on the edge of cracks in igneous rock, originally sketched out thirty-three years again a paper on the geology of Spitzbergen, led ultimately to numerous deep borings for water in the gneiss and granite of Sweden and Finland; some account of these was published in Natural Science for September, 1895. Nordenskiöld also busied himself with a project for an expedition to the Antarctic, which, however, came to nothing at the time. It is interesting, however, to note that his nephew Otto Nordenskiöld has been appointed to take command of the Swedish Antarctic expedition.

At various periods from 1869 onwards Nordenskiöld added to his other duties those of politician, sitting in the Swedish Parliament,

first as Liberal member for Stockholm, and subsequently in the Upper House. It is not long since he took part in the deputation that journeyed in vain to St. Petersburg to lay before the Tsar

a petition on behalf of the Finnish nation.

Baron Nordenskiöld leaves a widow, a married daughter, and a son, whose mourning is shared by the whole Swedish nation, and by people of culture throughout the world. The son, Erland, is now on an exploring expedition in Patagonia; his elder brother, Gustaf Erik Adolf, died in 1895, at the age of 27, thus cutting short a career that promised to be one of excellence both as geologist and archæologist.—F. A. B.

ie. board Privew. Jun. 18) 5.

My Dear Sir,

Berrow . Felolf trek Portens hedd a i in in met muint & letter es vorn in duringford iou . 8 1 832. And better 1000 the Cluck of the Findant hunning detins from to se was interested . Her infinin educar it is some · it her in surposet unverteby. · . 838 . 1 . 27. . festeret . 2217. to represent the me wine dischibite in was nomeralled · rector y blue merculouses astracte in res in the de · readered a ween attende 81" 12" . or 1845 in suited fricanche free Burn o a to the inneres & ascended the. in a live donath boat relucrossing rooms and. In 1545 hie liver ill it is tand, she was in first es l'éc en biel most northère in the sine of I would cape Tchel. " " ... it infuser in Bering Strails

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H. Woodword. Ergr. As Vorden Kriel 149. St. Pauls Road Complem cgr. N.W.



Honthe Caroline, blizabethe Sarale norton. Pocless, born in London 1808 daughter of Thomas Sheridan, and Franchangliles of R. B. Sheridan She was authoress of immerous books & Poins, amonget others The lady of La Garage 'Old Lir Douglas 'Stuart of Sun bath 'Lost & Soroed' de de the is however cheefly noted for her petetion to the queen on married evoman's torongs. on the death of hor horton in 1875, elw married dir William Stirling . Macwell Bark. I died on June 16th 1877.

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Henry Fibz. Alan. Storward.

Duke of horfolk (15th Duke

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Thomas Oldham, A. M., L.D., F.R.S. I.g. S. Director of the Geological larvey of Endla. Born at Dublin May 1816. deed at Aughy July 14 th 1848. He was Carator a assistant Secretary to the geological Society of Aublin, L assistant Sec. to the Institute of livil Engineers of Ireland. In 1844 he was appointed assist! Prof. of Engineering in Trin. Col. Dublin, 1 m 1845 Prof of Jeology in the Dublin University. In 1846 he was appointed Local Gordon for Ereland of the gest Swow. of the United Throughon, in 1850 he was nominated to the Charge of the Geological Survey of India. In 1067 he presented a report on the Coal Resources of India" to the Secretains of State for Luded In 1862.64 het published with Prof-John morris, a memoir " on the Fossil Flora of the Raymahal Somes Dr. Ordham, discovered in 1849, the Oldest Burown Fossel (Oldhamia) m the Combrien Rocks of the locklow Vills ireland."

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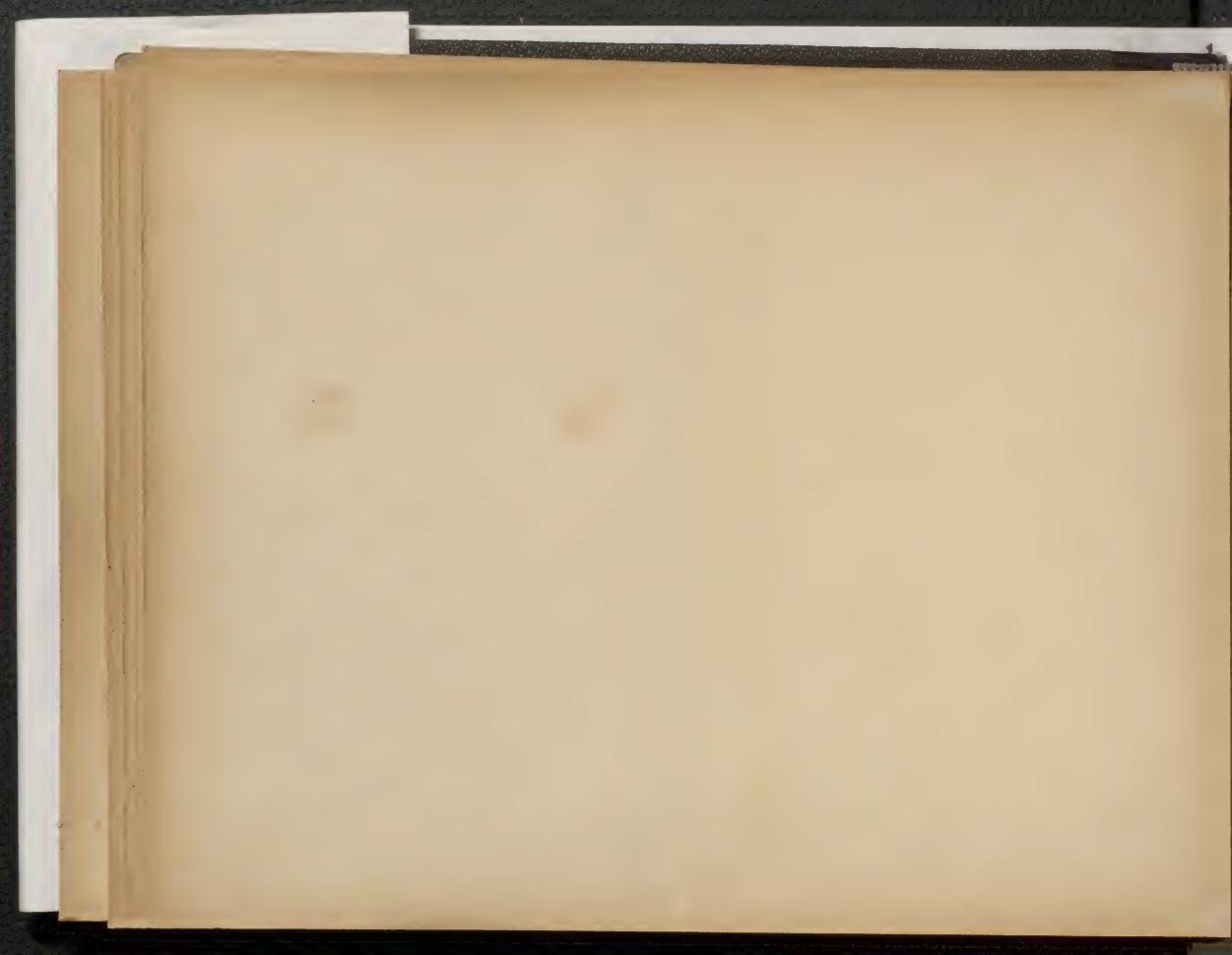
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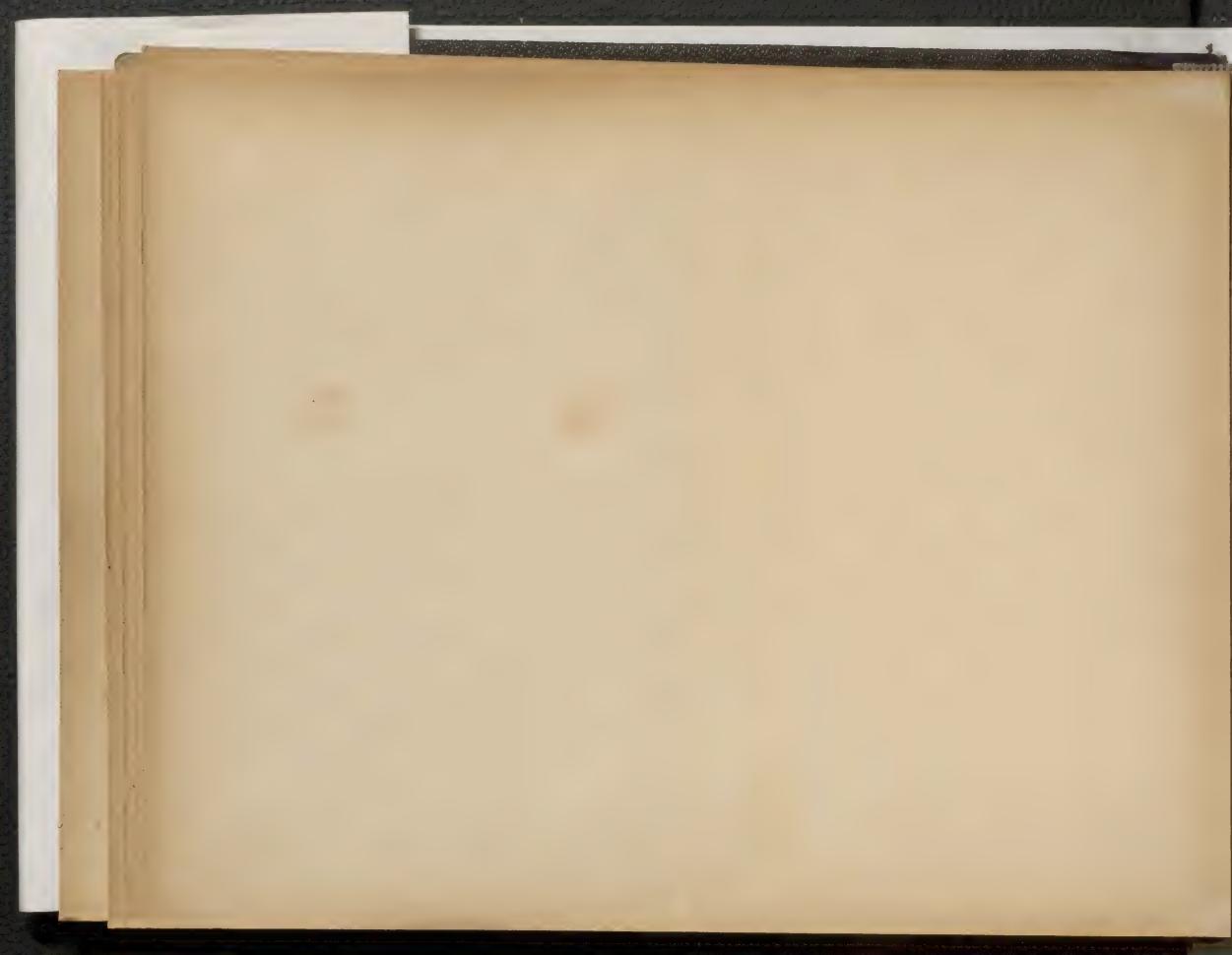
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Moray House, Anglesey, June 26. 1892. Dear Sin, I am glad you are interested in Robert Drung. I shall be equally interested in inspecting the remains of the 2 giant (fofsil) lor touses, which you have abtained from Madejuster Men I was mis & Helena 1876-77 - there were two large tortoises there in the grounds of Plantation House. One died whitst I was there of the carapace is doubtefor obtainable



Mether the other tontouse has shared the fale of the Jonner I know not. The Officers administering the Goot. Could inform you. I sent to D' Gunther a photo. of the Jamores large Antillery tortoise of Port done Meurities which was handed over to the Aublery as part of the live stock in charge of the French Ordnance Dept after the capitulation I the island in 1810. I trust the late hurricane has not injured the ancient I venerable beast Perhaps Projepor gunther has there the pour.

I ought to have more fully acknowledged your share. in Mr Delmar Moyan's note on the Inemia in my dequat volume. - Unfortunately the unhappy differences of opinion between Mer Morgan & myself were so embettered at the time That I did not act quite so graciously as I right to have done in noting your aprilance to Milloyans 20te. I am sure some judicious extentions of dredying of the murshes in Bourbon women bring to light some huge shells of lestudines injentes. Believe me yours very succeely O. P. Oliver





Air B.W. Ivarl pax

Meneroad pho

John Berlaw, to

EX LIBRIS HUGH OWEN, F.S.A.

Great Western Railway.

Cash Department.

ADDRESS
MR HUGH OWEN,
CHIEF CASHIER.

Laddington. w.

Shy llar friend In ferns yer gealers for makere habited the



HUGH OWEN, ESA

12, PORTEUS ROAD,

PADDINGTON

LONDON **

14th april 1893

Dear mis Wood ward

Doag thank alice for the brilliant suitch of my back view" when note. If convenient will an aucht your kind mortation for Forday next week. I will go to the museunt look up Siguinther about the black parrot & their accompany the Doctor To your hospitable home. as regard, The Day of See algorant - Shave a dinner engagement on up the Service tany other day mil triot me. I added the traiting to the folio & sent an your noto to two Hordson for the dicusor in respect to the dates & to account for the critical fury of your humble servant at command. The Wale flowers were inted territically bad. It was as you pronounced it the worsel let of failures me have had for along period. I am somewhat tired for there been enting a good deal. It are just dispotated a memour of my father to the Idelots of the Sictionery of National Beigraphy, writtendy Squeet. Kindell regards to Doctor Lyourself thank the James from good testous old friend (Hugh Bren



12, PORTEUS ROAD,
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stronoch 1893

Dead Mis Woodward

Ian quite ask arned of my apparent neglect in not having before this employed some of my now enforced lies was in paging you arisit but I am becomen q infilon thefo the able to more about day by day of deer Hot I shall soon become a fepture by ny own hearth, Thank you for your Kind invitation to denner on the 7th processo. Links try to string engalf up to the exertion bur Lenjoy mysalf is throughly at your hospitable bread that for the time I fryt my age t all my brindles of east now the bodity and are troubles and theavy be bear, A supposed by this terme, you have the news of our dear foreno motodson. I was glad to hear it for her home looks so desolate & reglected that my heast wassed when I cathed on hem. Fray give my toothy friend the Dr. in which you have volarge a share I may love to all covered your hearth yours Den es de ly Church Cale

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12, PORTEUS ROAD,
PADDINGTON,
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your's always truly,

SIE RICHARD OWEN, K.C.B., M.D., D.C.L., LL.D., F.R.S., F.L.S., F.G.S., V.P.Z.S., Pres. Pal. Soc., Assoc. Inst. France.

(With a Portrait.)

IN recording the regret which the world of science feels at the loss of Sir Richard Owen, we seem to stand in a more intimate and personal relation to him than many others, from the fact, that he was not only one of the early and frequent contributors to the GEOLOGICAL MAGAZINE, but also was the official colleague of the writer during a quarter of a century.

Born at Lancaster on the 20th July, 1804, Owen was destined for the Medical profession, and passed from school to college in Edinburgh, where he matriculated in 1824, passing his medical examinations and becoming a member of the Royal College of

Surgeons in 1827.

About this time, his love of science was stimulated by a short residence in Paris, during which he attended the lectures of the illustrious Cuvier, then at the zenith of his greatness. After a brief period of private practice, he gladly accepted the position of Assistant-Curator of the Hunterian Collections in the College of Surgeons, conferred upon him on the recommendation of the celebrated Dr. Abernethy. Here he revelled in the examination of the uncatalogued preparations of Dr. John Hunter, the most distinguished surgeon of the last century.1 He undertook the preparation of a series of Descriptive and Illustrated Catalogues of the specimens of Physiology and Comparative Anatomy; and later on, those of Natural History, Osteology, and Fossil Organic Remains preserved in the College Museum (1833-40). In 1834 Owen was elected to the Chair of Comparative Anatomy in St. Bartholomew's, carrying the title of "Professor;" and in 1835 married the daughter of Mr. William Clift, Curator of the Hunterian Museum, his old chief officer. In the following year he gained the fellowship of the Royal Society and the post of Hunterian Professor in the Royal College of Surgeons, which he held until his appointment to be Superintendent of the Departments of Natural History in the British Museum in 1856.

Upon his retirement from office H.M. the Queen graciously conferred upon him the title of Sir Richard Owen, K.C.B., but in our memories he will still remain "Professor Owen." With gradual decrease of his bodily powers, he passed away on the

18th Dec., 1892.

12 helv. Wy4

Dear Mr. Woodward

Howe you seen the 'otrne ceft." broken of brost in the forehead of the Bas primigenias from beneath peats, mor in the War Tran Museum). I mean In you see the broken celt sticking in the Whell of that openmon (forms in 10163, with a laye propostorie of the Buletow)? Infer that you did see it, prom "gest. My. Rebr. 1969 (Vol. v.)." yours very truly, Richt Oven.

BRITISH MUSEUM (NATURAL HISTORY),

CROMWELL ROAD,

SOUTH KENSINGTON, S.W.

24th December 183

Dear Woodward

Would you let an Apristant look out the Cranial Specimens from Brunique bearing the Register - Numbers': -

I wish to compare them 38368 with the Vilbury Skull -38310 and probably figure some 38334 38335 of them. 38330 Give my thomks I best 38937 wishes for the artistic represen-

takve of those of your kind family, and accept the same good wishes, from , Your's "sincerely, Rich Dwen.

Theen Lodge, East Sheen, 22. October, 1885. Dear Wood ward Manks for your kind note the considerate Drawing, by my fair Artiste, of tox bones, fore-foot, of Moloch. Are any of the metacarpals broad of nather flattend in the Thaft? One such bone, with others of a fore'(?) foot have reached me, with an unegoi. vocal Megalanian (sacral) vertebra. you will receive all for your de_

Theen Lodge, East Theen -12 December, 1885. Dear Woodward you will, probably, have received from M. Brongniart, his memoir on the hopsil meets of the "Terrains Primaires" - chiefly from Earboniferous beds, It Aruck me as suitable to your Magazi of which I read with great interest The Cast No. If you want B's Mem. I will send you my (opy? I should be glad to have a look at Marsh's Work on Dinocerata

Theen Lodge Esst Theen, S.W. 26 may 1886, Dear Woodward I have had notice that the Paper on Meiolania will be publish in the "Phil . Trans." Mr. Wesley will witho raph the Plates from the specimens, quided by the drawings Vonthones wh. accomp - the lest. of m. Etheridge jim! would put together the subjects of the drawing, on a table convenient for the Artist I should feel obliged, It I will call at the Museum in the course of that Work. Thanks for your last Note. Onevelyyours. P. Dwen-

Speen Codge Richmond Park.

34 Trebr. 1587.

I have impormed friend Bather

I your kind expression and wish to

see his Son: the interview will, I feel

sure, confirm what is said in his favour

Your Note of Hall's work is especially

acceptable, as I am preparing my Paper

to be fit for presentation to the R. S. and

I it's weak point to be the little that

I could satisfactorily state on Cranial

characters of Midania: but this I trust

will remedied by an early visit to you.

if you spare, mea Copy Theen for a few days. 2 I have finished descriptions of the last received additional popul of old meg: and rall have Explose here at Xmas to draw the best openmens. I never war so purpled as with some which I regard as Meta. moloc. podrals: i.e. I can't be our whether they are m-cartal or m-tarsal; som are as viada as long! I expect, soon, to receive a box of bones from the P. & O (sup?, sent by friend Bennett. you inspost has driven me not

of the (ottage where books, memoris Papers, te. tr. are crowded. I would gladly make it worth while to Lingard, if he could devote his Vacation to sorting I making a dist of them. I Thould then, offer them to Dulan, or send them to a Book auctionees; They almost crowd me out of my little Library & Theoly Kindest regard to your Home-circle: Vinerely yours, Odichard Owen.

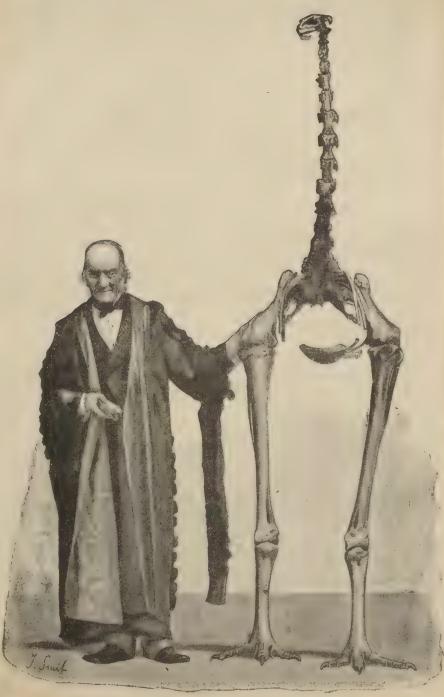




had an instructive addition to the break fast - table in your well. filled Howary Number of the Geol: Mag. Hoping soon, to hake hands with you I rest. most truly your's, Richard Owen.



Department, when I have finished my M.S. outlines. I am about to write to a Settler near the Megalanian locality to urge him to help in the restoration of old Mag. I long for his lower jaw! I write to pour Davidson's friends on receiving the announcement of his demise, His devotion of talent, money, time in artistic Work, were unique - Sincerely your's, Richard Owen.



Dear Word warn -128 mil Lelum Mr. Jakw. Davis fertificate. I regret to have no resollection of having hat the pleasure dapersonal ac junillance. When I look in when you on the morning of the 15th I hope the able to leave with you the Names & Perms " for the habel corder - Thanking you for know aid in my closing Havorte Work at the Mus: " lest; word, Lidoven

11 March, 1884.

From "EXTING MONSTERS" (Chapman & Hall).

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Jir Philip Cumlife - Owen, FEB.

34. C. M. S., C. J. E.

Born fine 8 th 1828

Director of the Science & Art

huseums at South Thensugton

4 Bethrul Green.

Croen Sir Francis Pulip Cim leffe, Braictor of South Thensing Son Museum, com June 5th 1828. He entered the havy at the age of 12. but was obliged by weak health to abound on the profession after 5 years service. In 1854 he obtained a post in the Science & ark Department, + in 1855 he became one of the Super entendants of the British Lection of the International ashibition held at Parts that year. In 1857 he was appointed General Ligernsterrdent of Louth Rensington museum + in 1860 asses tant Director. In 18/3 the Directoraly Ever Confirmed upon from . I 1878, he was created F. G.M. G. M. C.S. In 1886 he was made a FIGB. ne 1893, & died 232 march 1894.

South Kensugton Museum-6th February 1889 My dear M' Nordwara I am very auscions to get a list of the names of those who athended the banquet in honour of our mutual friend In Richard Owen. -In looking through the Imies of 23 January 1884 I find only the Enclosed notice but I presume the names of the 70 officers can be got at, and I shall beteem it a great favour

South Rensington

Huseum

Lio.

Feb. 9' 1889 My dear DT Woodward I am very much obliged so you for the result of your digging and delving at odd moments when also! dum afraid, you have not very much time at your dishocal. I am very thankful indeed; and I will endeavour to show my appreciation of your kindness in a manner when it

Jer Philip Cumliffe - Owen, TICB.

J.C. M. S., C.J. E.

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Director of the Science & Art
Museums at South Thensungton

* Bethrul Green.

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cannot indicate at the presen. Thanking you again a e for your neighbourly attention who Relieve me Very truly yours Twilepenneite - Obser DI Kenry Woodward Natural Distory Museum Jsomwell Road

Jir Philip Cumliffe - Owen, H.B. J. C. M. G., C. J. E. Born pine 8 th 1828 Director of the Science & Art-Amseums at South Kensengton & Bethruil Green.

be a mather of personal interest in connection with our friend - if you can un my way find the names In I of those who were at the He ent. dinner -95, 12. 6 I was absent from Inglam trealth after o he obs at the time or else I should Jackner 1855 Fu have been there myself. entend of the I remain held a 1857 En Lugar yoursvery sucerely Lon M. Aurech 1:118 0 Milipludeffe Dues 1878, hu 6.J.B. J. owen m 189

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piùre de la serie de la serie

Professor William Kitchen Parker comparative anatomist, born at Dogs thorpe, near Peterborough on 23 June 1823. He was educated at the Parish School at the age of 15 he was went for nine mosttres to the Peterborough Grammer school a was after. - wards apprenticed to a drugget at Stormford, a later on was articled to a Surgeon at Market Overson in Rulland. He afterwards studies at the Charing Cross Stospackal, I was later appointed assestant to D. R. B. Todal physics logist-at Fing College . In 1849 he comme · led as a general practitioner in Printeco. In 16/3 he was appoint -ted Hunterian Prof. at the Royal College of Lurgeons Die Scientific members number in all 99. He was elected FRI. en 1865 h in 1866 rec & the Royal Inedal + later on the Baly medal. Se died on 320 July 1890

William Kitchen Parker, born at his father's farm at Dogsthorpe, near Peterborough, June 23, 1823, died suddenly, of syncope of the heart, whilst visiting his second son, Professor W. Newton Parker, at Cardiff, July 3, 1890. Whilst cheerfully talking of late discoveries and future work in his favourite biological pursuits, he ceased to breathe. Accustomed to outdoor life, he was a true lover of nature from the first; the forms, habits, and voices of birds, especially, he knew at an early age. Village schooling at Dogsthorpe and Werrington, and a short period at Peterborough Grammar School, prepared him for an apprenticeship, at fifteen years of age, to Mr. Woodroffe, chemist and druggist, at Stamford; and three years afterwards he was apprenticed to Mr. Costal, medical practitioner, at Market-Overton. At Stamford, studying botany earnestly, he collected and named more than 500 species of plants. The fauna also of the fen lands attracted his attention—in Borough Fen, Thorpe Fen, Whittlesea, Deeping,

Bitish Most 1863

Vono truch

Ler Antony Panergi, H.C.B. born at Brescello in moderna, Lep. 16. 1794 Educated at Reggio & afterwards in the university of Parma, Rec & his degree as Doctor of Law in 1818. He formed the Pidmontese revolution on 1821, I was taken prisoner, he enc. - ceided in making his escape, I was condemned to death in definel & his property confiscated He Lived in diver. -pool tile 1828 as a teacher at which date he was appointed Prof of Halian in University Coll. In 1831 he became an assistant in the British museum In 1834 he was appointed Keeper of Printed Books. In June 1866 Inthe Parriege resigned his post of principal librarian & retired on full pay Im 1869 he was made H. C.B. Tredied April 8th 1879

and Crowland. Both when living under his father's roof, and in his holidays afterwards, he kept many pet animals, and dissected whatever he could get, including a donkey and many birds. Of the latter he prepared skeletons; and of these he made large drawings at Market-Overton, which of late years he had some thought of publishing as an atlas of the osteology of birds.

Without the advantages of a university education, and with none of those aids to learning afforded by the science schools of the present day, he owed all the knowledge which he acquired to an intense love of nature, prompting and developing a taste for original research; and this, in spite of many obstacles, he assiduously cultivated to the last.

In December, 1844, he came to London, and entered Charing-Cross Hospital as a medical student. Having had an introduction to Dr. Todd, he was cordially received by him and encouraged to work in his physiological laboratory at King's College; and for a time he was prosector at Dr. Todd's lectures. He qualified as Licentiate of the Society of Apothecaries in 1849, and commenced to practice at Tachbrook Street, Pimlico. Soon afterwards he married Miss Elizabeth Jeffery. His wife's patient calmness under all difficulties and trials was a true blessing to a man of Mr. Parker's excitable temperament and indifferent health; and her unselfish life and wide-spread influence for good are well known in and beyond the family circle. Unfortunately, he was left a widower about four months before his death. He left three daughters and four sons. Of the latter, one is a Fellow of the Royal Society, and Professor of Zoology and Comparative Anatomy in the University of Otago, New Zealand; the second is Professor of Biology in the University College at Cardiff, South Wales; the third is an able draughtsman and lithographer; and the fourth has taken his diplomas of L.R.C.P. and M.R.C.S.

Mr. Parker had a good father, courteous and gentle by nature, conscientious, and earnest in business, who had worked hard to be able to give even his youngest son, Mr. W. K. Parker, "a start in life." From his placid and thoughtful mother he probably inherited much of his love of reading and readiness to learn.

Always energetic, in spite of ill-health, Mr. Parker enthusiastically carried on his medical work and his natural-history studies, especially in the microscopical structure of animal and vegetable tissues. Polyzoa and Foraminifera, collected on a visit to Bognor, and from among sponge-sands and Oriental sea-shells, especially engaged his attention. Having sorted, mounted, and drawn numbers of these Microzoa, he was induced, about 1856, by his friends W. Crawford Williamson and T. Rupert Jones to work at the Foraminifera systematically. His paper on the Miliolitidæ of the Indian Seas ('Transact. Microscopical Society,' 1858), and a joint paper (with T. R. Jones)

on the Foraminifera of the Norwegian Coast ('Annals and Mag. Nat. Hist., '1857) resulted; and the latter formed the basis of a memoir on the "Arctic and North-Atlantic Foraminifera" ('Phil. Trans.,' 1865). With T. Rupert Jones, and afterwards with W. B. Carpenter and H. B. Brady, Mr. Parker, down to 1873, described and illustrated many groups and species of Foraminifera, recent and fossil (see Sherborn's recent' Bibliography of Foraminifera,' for these papers and memoirs), thereby establishing more accurately a natural classification of these Protozoa, determining their bathymetrical conditions. and therefore their value in geology. The important share which he took in the preparation of Dr. Carpenter's 'Introduction to the Study of the Foraminifera,' 4to, published by the Ray Society in 1862, is acknowledged in the preface of that handsome volume. That he did not neglect anatomical research is shown by memoirs in the Proceedings and Transactions of the Linnean, Zoological, and Microscopical Societies on the osteology (chiefly cranial) and systematic position of Balæniceps (1860), Pterocles (1862), Palamedea (1863), Gallinaceous Birds and Tinamous (1862 and 1866), Kagu (1864 and 1869), Parrot (1865), Ostriches (1866), Microglossa (1865), Common Fowl (1869), Eel ('Nature,' 1871), skull of Frog (1871), of Crow (1872), Salmon, Tit, Sparrow-hawk, Thrushes, Sturgeon, Pig, and Ægithognathous Birds (1873), Woodpecker and Passeres (1875). In the meantime the Ray Society had brought out his valuable 'Monograph on the Structure and Development of the Shouldergirdle and Sternum in the Vertebrata' (1868); and his Presidential addresses to the Royal Microscopical Society (1872, 1873), and notes on the Archaepteryx (1864) and the fossil Bird bones from the Zebbug Cave, Malta (1865 and 1862), had been published. Subsequently the Royal Society's Transactions contained his abundantly illustrated memoirs on the skull of the Batrachia (1878 and 1880), of the Urodelous Amphibia (1877), the Common Snake (1878), Sturgeon (1882), Lepidosteus (1882), Edentata (1886), Insectivora (1886), and his elaborate memoir on the development of the wing of the Common Fowl (1888). In the 'Reports of the "Challenger" is his memoir on the Green Turtle (1880). Those on the Cypselidæ ('Zoologist,' 1889), on Tarsipes (Dundee, 1889), the Duck and the Auk (Dublin, 1890), Gallinaceous Birds (for the Linnean Society), and the Hoatzin (Opisthocomus cristatus) for the Zoological Society, are his last works.

In former times a skull was regarded as little more than a dry, symmetrical, bony structure; or, if it were the cartilaginous braincase of a shark, it was to most a mere dried museum specimen. When, however, the gradations of the elements of the skull, from embryonic beginnings, were traced until their mutual relations and their homologues in other Vertebrates were established, light was

to me Believe me,

In Antony Panozzi, H.C.B. born at Brescello in Inodena, Lep. 16. 1797. Iducated at Reggio & afterwards in the University of Parma. Beck his degree as Boetor of Law in 1818. He fried the Pidmondese, revolution in 1821, I was taken prisoner, he enc-ceided in making his escape, I was Condemned to death in default & his Proprity confiscated the lived in liver-hoot tile 1828 as a teacher at which date he was appointed Prof of Hahan in University Coll. In 1831 he became an Assistant in the British Imacum. In 1834 he was appointed Theoper of Printed Books. In pune 1866 Interior of Panozza resigned his post of principal librarian & retired on full page.

Jun 1869 he was made H.C.B.

thrown on the wonderful completeness of organic uniformity and singleness of design. How such studies can be carried on both by minute dissection and the modern art of parallel slicing, and not by one method alone, is to be gathered from his teaching.

As a draughtsman, Mr. Parker particularly excelled, and the value of his numerous memoirs was greatly enhanced by the excellence of the plates, the figures in which were drawn by himself. The article on the Anatomy of Birds in the 'Encyclopædia Britannica' also

bears evidence to his industry and knowledge.

No man can have worked harder at science, in the intervals of professional duties, than he did, and it is scarcely surprising that the short intervals which he allowed himself for rest affected his health and compelled him to limit his practice. Like a true naturalist, however, he allowed his love of science to triumph over any desire for worldly gain, and it was well known to his friends that some of his best scientific work was accomplished during actual physical suffering, furnishing him, as he would say, with a pleasant distraction from his ailments.

In 1864 he was elected into the Zoological Society without the usual fees; and soon afterwards the Linnean Society paid him the

same high compliment.

Mr. Parker was elected a Fellow of the Royal Society in 1865, and in the year following he received a Royal Medal for his comprehensive, exact, and useful researches in the developmental osteology, or embryonal morphology, of Vertebrates. Some few years afterwards the Royal Society made him an annual grant to aid in the prosecution of his studies; and, when that was discontinued, a pension from the Crown was graciously and appropriately awarded to him. A generous friend, belonging to a well-known Wesleyan family, more than once presented £100 towards the cost of some of the numerous plates illustrating his grand memoirs in the 'Philosophical Transactions.' He was elected Fellow of King's College, London, in 1875. In 1873 he had received the diploma as Member of the Royal College of Surgeons, and was appointed Hunterian Professor of Comparative Anatomy and Physiology, Professor Flower being invalided for a time; and aferwards both held the Professorship conjointly. His earnestness and wide views were well appreciated, opening up the modern aspect of comparative anatomy, and showing that both in Man and the Lower Vertebrates the wonderful structural development of their bony framework should be studied in a strictly morphological rather than a teleological method, and that its stages and resultant forms could be regarded only in the Darwinian aspect.

These lectures, given in abstract in the medical journals, became the basis of his 'Morphology of the Skull,' in editing which Mr. G. T. Bettany ably assisted him; and in a less scientific book, 'On

Mammalian Descent,' another friend (Miss Arabella Buckley, now Mrs. Fisher) similarly helped him. In the latter work, his own usual style frequently predominates, full of metaphor and quaint allusions, originating in his imaginative and indeed poetic mind, fully impregnated with ideas and expressions frequent in his favourite and much-read books—Shakespeare, Bacon, Milton, some of the old divines, and, above all, the old English Bible.

Separating himself from the trammels of foregone conclusions, and from the formulated, but imperfect, misleading conceptions of some of his predecessors in biology, whom he left for the teaching of Rathke, Gegenbaur, and Huxley, Professor W. K. Parker earnestly inculcated the necessity of single-sighted research, and the following up of any unbiassed elucidations, to whatever natural conclusion they may lead. Simple and firm in Christian faith, resolute in scientific research, he felt free from dread of any real collision between science and religion. He insisted that "our proper work is not that of straining our too feeble faculties at system-building, but humble and patient attention to what nature herself teaches, comparing actual things with actual" ('Proc. Zool. Soc.,' 1864); and in his "Shoulder-girdle, &c.," p. 2. he writes: "Then, in the times to come, when we have 'prepared our work without, and made it fit for ourselves in the field,' we shall be able to build a 'system of anatomy' which shall truly represent Nature, and not be a mere reflection of the mind of some one of her talented observers."

Again, at p. 225, in illustration of some results of his work, he says:—"The first instance I have given of the Shoulder-girdle (in the Skate) may be compared to a clay model in its first stage, or to the heavy oaken furniture of our forefathers, that 'stood pond'rous and fixed by its own massy weight." As we ascend the Vertebrate scale, the mass becomes more elegant, more subdivided, and more metamorphosed, until, in the Bird class and among the Mammals, these parts form the framework of limbs than which nothing can be imagined more agile or more apt. So also, as it regards the sternum; at first a mere outcropping of the feebly developed costal arches in the Amphibia, it becomes the key-stone of perfect arches in the true Reptile; then the fulcrum of the exquisitely constructed organs of flight in the Bird; and, lastly, forms the mobile front-wall of the heaving chest of the highest Vertebrate."

Professor W. K. Parker was a Fellow of the Royal, Linnean, Zoological, and Royal Microscopical Societies; Fellow of King's College, London; Honorary Member of the Philosophical Society of Cambridge, and the Medical and Chirurgical Society. He was also a Member of the Imperial Society of Naturalists of Moscow, and Corresponding Member of the Imperial Geological Institute of Vienna, and the Academy of Natural Sciences of Philadelphia. In 1885 he

Jone. Believe me Vanne trula

In Antony Paning, K.C.B. born at Brescello in moderna, Lep. 16. 1799. Advanted at Reggio & afterwards in the University of Parma, Rect his degree as boctor of Law in 1818. He find the Pidmondese revolution in 1821, I was taken prisoner, he succeeded in making his escape, I was condemned to death in default I his bropisty confiscated. He lived in dwee-post till 1828 as a teacher at which date he was appointed those of Hahan in University Coll. In 1831 he became an assistant in the British Imseum. In 1834 he was appointed Geofer of Printed Books. In post of princepal librarian I retired on full pay.

Jan 1869 he was made H.C.B.

Seedied April 8th 1879.

received from the Royal College of Physicians the Bayly Medal, "Ob physiologiam feliciter excultam."

In conversations shortly before his death, he often spoke of looking forward throughout his life-time (alas! how quickly shortened!) to continued application of all the energy he could devote to his useful work—at once a consolation to him and a duty.

He has well expressed his own view on biological pursuits, at p. 363 of the 'Morphology of the Skull':—"The study of animal morphology leads to continually grander and more reverent views of creation and of a Creator. Each fresh advance shows us further fields for conquest, and at the same time deepens the conviction that, while results and secondary operations may be discovered by human intelligence, 'no man can find out the work that God maketh from the beginning to the end.' We live as in a twilight of knowledge, charged with revelations of order and beauty; we steadfastly look for a perfect light, which shall reveal perfect order and beauty."

An unworldly seeker after truth, and loved by all who knew him for his uprightness, modesty, unselfishness, and generosity to fellow-workers, always helping young inquirers with specimens and information, he is lost to sight as a friend and father, but lives in the minds of his fellow-workers, of those whom he so freely taught, and of his bereaved relatives, as a great and good man, whose beneficent influence will ever be felt in a wide-spreading and advancing science by thoughtful and appreciative men.

T. R. J. and J. E. H.

Believe me

In Antony amorgi, K.C.B. bom at Brescello en modera, Lep. 16. 1794. Educated at Reggio & afterwards in the university of Parma, Rec & his degree as Doctor of Law in 1818. Ite fined the Pidmondese revolution on 1821, I was taken prisoner, be euc-- Ceeded in making his escape, I was Condemned to death in default & has properly confescated . He lived in liver --pool till 1828 as a teacher, at which date he was appointed Proj of Hahan in university Coll. In 1831 he became an assistant in the British Museum In 1834 he was appointed Keeper of Printed Books. In June 1866 Int Panerja resigned his post of principal In 1869 he was made H. C. B. Hedied April 8 1879

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Alfred William Parsons, A.S. born at Becknigton in Somer-- Cetalire, Dech gat 1844 He was a member of the com-- mittee of the general Reliabilion of Water colour drawings 1849. On the dissolution of that locate he formed the Royal Institute of Painters in Water Colorers. Itis principal works are "Fallen," "The gathering swallows, The Road to the Furn " "The First- Frost." The gladuess of the may: "After work; "meadows by the Aoors; " I'de a Cider-Country " xc. &c.

St. Botolph Club

Boston. Mass. Mar 17 15

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Alfred Carsons

Alpheus Spring Packard,
In D., born at Brunswick Maine
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1861., Lat Maine Medical School
1864. Was stati entomologist
for Massachusetts 1841-43,
Cevator of the Peabody Academy
of Lience in Salem 1868-46, the
has been Professor of Zoology
I geology at Brown liniversity
lince 1848. He has written
many Entomological Books
L Papers.

PEABODY ACADEMY OF SCIENCE,

Salem, Mass.,

Let, 18 1875

My dear Lir:

Iran much pleased to receive the third and fourth parts of your new valuable illensgraph of fossil ellerostomata, Which came a few days ago_ de a incan la gine a good deal of altention still to our living species. L'Ahair hom la refer frequenties Wyon memoirs et am sur you how due palaentology a qual service in unravelling these often Men posts, & Afor on feel queth indethed by m for the printed usules; your very truly, a. J. Vackardjr.

PEABODY ACADEMY OF SCIENCE,

Salem, Mass.,

Jan. 10 th 1876

My dear Mr. Mortnaid:

In arranging our Crustacea, which Arant to have in good order for the insilins he an expecting next rummer. Centennal year you Know. I rout a coal of Surplems to plan by the side of our Limelus - When mi Lenden ym ven Kind enough I say that you thought you might be able to send some casts for our museum. Do you think it must be possette for you brend a coal of as small and perfect a apreimen as you can for dis play in our museum? Hoo plean park and send the prekap to history of who will

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H. Horrand F. R. S. a. S. Packard Jr.

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Ernest Parton, J.P.O .; land. - L'apre painter; born at Hudson U.S.a., Educated Hudson-. Lindening, & afterwards privalely. Indied out will his brother Arthur Parton; Come to England 110 1873. I has exibited on the Royal academy up to the present line. "The warring of the year a large picture was purchased for the Charlery Beguest, 18/9. The same year the Corpora. - how of sweepool purchased a prichare entitled "lovo land Stome " for the Walker Art Gallery. He has taken medals I defelow. at Salon & other Thibetions

1. Harewood Place.
Hanober Square.
II.

Dear De Woodward I thank you very heartily for your paper on Norwick bastic as a Susum' his most intructing, and makes in suggestion that a good illustration for the opening of the Assurement would be a transformation seems showing In interior of the laste in the beginning of to 115th lending and then were to close of the 11th. Sury truly yours faget.



Turgeon to the queen, Jurgeon to the Prince of Water, and Consulting Luryeon to St. Bartholdmens Itospital. Lir fames Puget is vice-Chan-cellor of the university of London, & a Member of the Institute of France Its Custifute of Justitute of James Papers.

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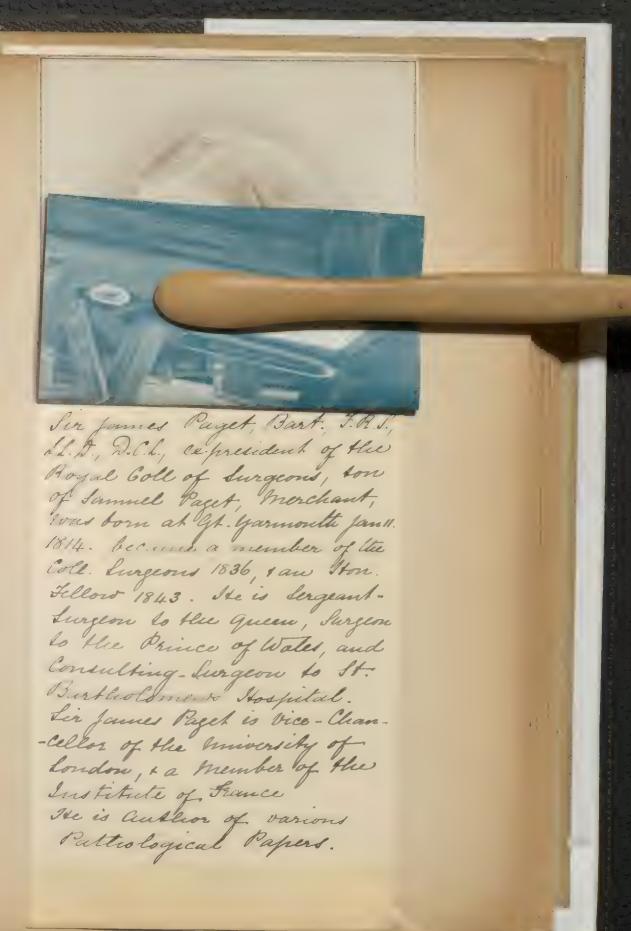
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Gruest Parton, PO; Come - . ape painter; born at Hudson U.S.a., Educated Hudson Studied art with his brother Arthur Parton; Come to England 110 1873. I has exibited on the Royal academy up to the present line. "The waring of the year a large picture was purchased for the Charlery Bequest, 18/9. The same year the Corpora - how of sweepool kurchased a picture entitled "loodland Stome " for the walker Art Gallery. He has taken medals I depeloreres at Salon & other "thickelind

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:yelly, J. R. S., 795. East Love in Com-1812. He is author spers on Rampall o + Triussic rocks , the ossiferous · submerged · Sume County, t elle - De Steen of monsyritch sv. Formation of of Devoushire! 1863. : urranged the soils which under of the Pengelly ere logged in the versity houseum. · with the aid rom the British worked out L, Torquay.



Lamorna long may 16 Bet. 1884 Den Wordward Mark you Very hunch for the three spe uners If the fast which you have to lindly placed at my disposal How charming they are done. Almost an. hupprovement on the original With all gives wisher If rengelly

William Penyelly, J. R.S., Fgs. was born wh bush Love in Comwall, fan 12. 1812. He is author of several papers on Rampall, the Devonian + Triassic rocks of bevonsture, the ossiferous Caverus + the submerged foresto of the same County, t Conjointly with be steer of quich of a monograph on The Liquile Formation of. Bovey Tracey Devoushire. Imblished 1863. Ite collected & arranged the Devonium Fossils which under the name of the Pengelly Collection were logged in the Oxford University museum. mr. Rengelly with the aid of grunts from the Brekish Essociation, worked out Trents Cavern, Torquay.



a Lamorea Voyung 8.30 Pelh., 9 Feb. 1859 Den by dear Woodward-You have work My friend Italibries heart by the hurther for you never strenger him in the mather of his le. S. Certificate. I am not in the least surpresell by your acture 61 Moure you cannot hope it. All being well will lose. hus no sine when the Certificate

Couches one in doing What is heedful here-away When beatly, Spreamie Shall bether send it deretty to the Roy Joe's apartments. do toll hear from you to the Centrary Iwill conclude that you approve of my doing to. My object is to save time , pur billy yours funf) empelly

PRESENTED TO THE RED LIONS IN THEIR DEN AT EXETER, 1869.

AN ELEGY WRITTEN IN A COUNTRY BONE-CAVE.

By Dr. STOKE-POGES GRAY.

One of the Papers not read before the British Association at Exeter, 1869.

Full many a tooth with cutting-edges keen

The dark unfathomed caves of Kent's Hole bear;

Full many a lovely coprolite, I ween,

There wastes its sweetness on the desert air.

Some Felis leo, that with dauntless breast
The tyrant huge Machairodus withstood,
Some mute inglorious Mammoth here may rest,
Some Pika, guiltless of his country's blood.

For them no more the blazing fire shall burn,

Nor busy hunter seek their trails with care;

Or lie in ambush waiting their return,

Or strive to catch them in some artful snare.

Their lot forbade—alas! what could they do?—
To travel in a Wombwell's cage confined;
Forbade to wade through slaughter to the Zoo,
To gaze through iron gratings on Mankind.

MacEnery's spirit lingers there, to muse
On facts exhumed with heterodoxy big;
And many a precious relic round he strews,
That teach the Anthropologists to dig.

Let not Ambition mock their useful toil,

Their homely joys within this ancient grave;

Nor Grandeur hear with a disdainful smile

The short but pregnant annals of the Cave.

Nor you, ye Rich! incur the hideous fault
Of failing, year by year, the means to raise,
T' explore each long-drawn aisle and fretted vault;
To disinter the great of ancient days.

For thee, who, mindful of the unhonoured dead,
Dost in these lines thine artless tale relate,
If chance, by lonely Contemplation led,
Some kindred spirit shall inquire thy fate,

Haply some hoary-headed swain may say,
"Oft have I seen him striding down the glen,
Kicking with hasty steps the mud away,
To seek Machairodus in yonder den.

"The clergy loved him dearly; called him brother;
Oft helped him t'excavate deep bowls of wassail;
He loved them in return; but could not smother
The keen desire he felt that they were fossil.

' One day I missed him on the accustomed mount,
The wooded glen, and near you fine oak-tree;
Another came, nor yet beside the fount,
Nor in the copse, nor at the Cave was he;

"The next, with dirges due, in sad array,
Slow through the church-way path we saw him borne;
Approach, and read the unpretending lay
Graved on the stone beneath you aged thorn."

EPITAPH.

Here rests his head on balls of album græcum,
A youth who loved Cave-earth and stalagmite;
If fossil bones they held, he'd keenly seek 'em;
Exhume and name them with supreme delight.

His hammer, chisels, compass lie beside him;
His friends have o'er him piled this heap of stones.
Alas! Alas! Poor fellow! woe betide him
If, in the other world, there are no bones.

[W. P.]

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Emmerter a me may 10 tof 1850, L'an handhand work you iling ily F. R.S., Figs much for the three still de I Love in Com. . He is welton the fact which you have rs on Ramfall Triassic rocks to be the third it is the Isiferous ubmerged Ashal Him Du lunging me County, A - 192 Heer of they we time. History in ronou Einh ormation of ture of one of one one Iconstine. it ih a light wisher ranged the Is which under how the by to my the Pengelly Il mully looged in the ich inseum rille the rid wheel out Torquey.

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Arthur Wellesley Plel

1 de biscoms (cr. 1895) P.G., II. D.,

(Non Oxford), D.L., J.P.; born ang

3rd 1829. Educated at Eton &

Ballier Colleges Oxford (In. A.).

M.P. for Warroick 1865-85.

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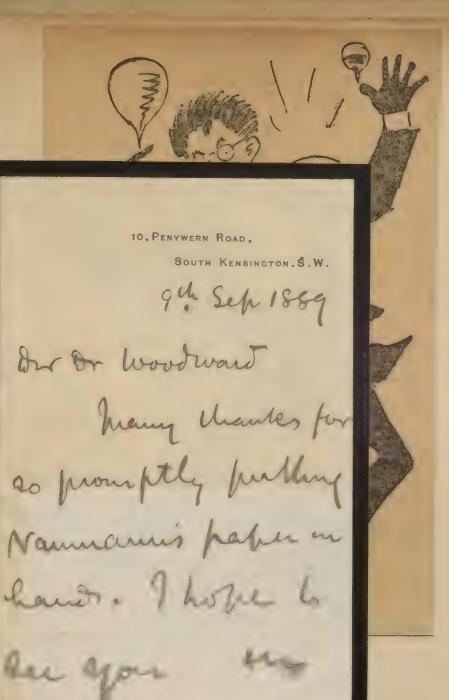
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Poor law Hoard of Frade.

1841-13; Patronage Secretary.

Lo the Treasury, 1843-44. Undo.

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Professor john Perry M. E. D. Sc., J. R.S. Assoc. M. S.C.E., Born at Garvagh in Wester Educated at the model School Belfast & queens university Ireland. te was decturer in Physics at Clifton College 1840-44. In 1845 he went to Japan as joint Professor (with the Principal) of Engineering in the Imperial College, & returned to England in 1849. He delivered a course of Gantor lectures on hydrulic machinery in 1882, & became Professor of mechanical Engineering a applied malle met. -les at the Finsbury Technical College. Prof. Perry was engineer to the Telpherage Company from July to October 1885. He Kelivered the "operatives" lecture of the British Association 1890. on "Spinning . lops "



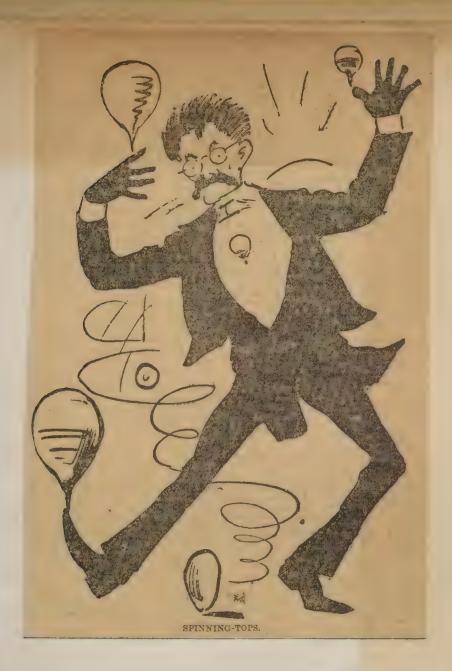
June 21. Dear Mr Foljambe It will be puite convenients if this due as will come on Thursday at 10. 30 or 11. as the may prefer. The is also helcone to add the purait of Speace homp to Jour mices fear the hight butter to Ceep in which some of there partant an hung i not a good one

Newcastle

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D. Se., J. M.S. Assoc. M. S.CE, 30m at Garvagh in Ulster Educated at the model School Belfast & Gueens University Ireland. te was decturer in Physics at Clifton College 1840-44. In 1845 he went to Japan as joint Professor (with the Principal) of Engineering in Ale Imperial College, & relieved to England in 18 gy. It delivered a course of Gantor lectures on hydrustic machinery in 1882, & became Professor of mechanical Engineering a upfilled malle met. -les at the Finsbury Technical College. Prof. Perky was engineer Li ble Telpherage Company from July to October 1885. He delivered blee "otherstines lecture of the Brilish Association 1840. on "Spinning . lops .



John Phillips, M.a., D.C.L. Oxon S. D. Cambridge & Bublin, J.R.S., J.G.S. vc. 1c Professor of Geology in the University Born on Christmas day 1800 at marden in Wilsshire, died at Oxford 24 th April 1874. Left an orphan at an early age to the care of his muche william Smith " the Faltier of English gestogy he developed a laste for that Science. In 1824 he was invited to arrange the Fossils in the york Imschim I was appointed Resper of the In 1844 he was made Professor of. Geology in the uncersity of Dublin Sk was President of the gestogical Society 1859-60, & of the Butiste Association 1865. his exeological writings are very numerous, amongst flum are Illustrations of the geology of -Yorkshire & Rivers, mountains I hea . coasto of yorkshire ."



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My dear for Many thanks for the Meshor's L. Mate. which will be very recepted to my friend, Cambridge & Bublin, J.P. S. J. J. S. vc. vc.

Cambridge & Bublin, J.P. S. J. J. S. vc. vc.

Professor of Geology in the University
of Oxford.

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Boin on Christmas day 1800 at Marden

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Professor Joseph Prestwich, D.C.L., F.R.S., F.G.S., F.C.S., Assoc. Inst. C.E., Corr. Inst. France, etc., etc.

(With a Portrait.)

OUR venerable friend Professor Prestwich, who has now attained his 82nd year, may serve as an admirable illustration of the law of "the survival of the fittest," for years have failed to dim either the brightness of his eyes, or the clearness of his intellect; the only sign of advanced longevity being the inability to undertake those long walks over the Chalk Hills around Shoreham, in which he, till

lately, delighted to indulge.

The descendant of an old Lancashire family, Joseph Prestwich was born at Pensbury, Clapham, near London, March 12th, 1812.

He received his early education near London, passed two years at Paris in a school attached to the College Bourbon, thence he was transferred to Dr. Valpy's at Reading, and finally entered University College, Gower Street, then just established.

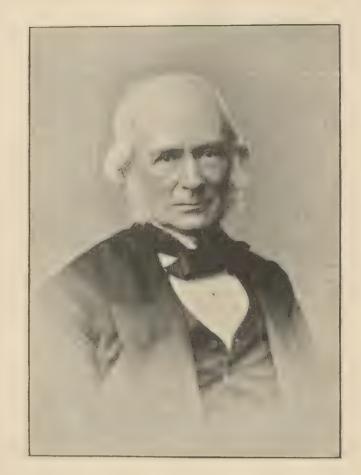
As far back as 1849 the Geological Society awarded Mr. Prestwich the Wollaston Medal for his researches on the Coalfield of Coalbrook Dale, and those on the Tertiary districts of London and Hampshire. In 1865 the Royal Society awarded him a Royal Medal for his contributions to Geological Science, and more especially for his paper in the Philosophical Transactions, "On the Occurrence of Flint Implements associated with the Remains of Extinct Species in beds of a late Geological Period in France and England;" and that "On the Theoretical Considerations on the Conditions under which the Drift Deposits containing the remains of Extinct Mammalia and Flint Implements were accumulated, and on their Geological Age."

Professor Prestwich served the office of President of the Geological Society of London from 1870-72. He was made a Vice-President of the Royal Society, 1870-71. In 1874 the Institute of Civil Engineers awarded him a Telford Medal and premium for his paper on the "Geological conditions affecting the construction of a Tunnel between France and England."

At the annual Réunion of the Geological Society of France, at Boulogne, in 1880, Professor Prestwich was elected President of the meeting; and in 1885 the Institute of France elected him a Corresponding Member of the Academy of Sciences. In 1886 the first vol. (Chemical and Physical) of his work on "Geology" was published by the Clarendon Press. The second vol. (Stratigraphical and Palæontological) with a Geological Map of Europe appeared in 1888. In the same year the University of Oxford conferred upon him the honorary degree of D.C.L. He was elected President of the "Congrès Géologique International," which held its session in London in September, 1888. His latest papers were read before the Geological Society of London, "On the pre-Glacial Drifts of the South of England, with a view to determine a base for the Quaternary Series, and to ascertain the Period of the Genesis of the Thames Valley" (see Quart. Journ. Geol. Soc. 1050, vol. 2111) 155). "On the Age of the Valley of the Darent and remarks on the District" etc... in which (see Quart. Journ. Geol. Soc. 1890, vol. xlvi. pp. 84, 120, the Palæolithic Flint Implements of the District," etc., in which he shows that on the high chalk plateaux of Kent there are flint impelments of a peculiar rude type fashioned by a race of men of much greater antiquity than those who made the implements of the Thames and Somme Valleys (op. cit. vol. xlvii. 1891, pp. 126-163). "On the Raised Beaches and 'Head' or Rubble-drifts of the South of England," etc. (op. cit. vol. xlviii. 1892, pp. 263-343). "On the Evidences of a Submergence of Western Europe at the close of the Glacial Period," etc. (Royal Soc. Proc. Feb. 23, 1893).

Since Professor Prestwich's retirement from the Oxford Chair, in 1888, he has mostly resided at his country seat, Darent Hulme, Shoreham, Kent, a charming house built to his own taste some 25 years ago, full of quaint geological pictures by Ernest Griset; and even in its architecture illustrating geology at every turn. Here he divides his time between his garden and his library, always in association with Mrs. Prestwich, his ever-constant companion and most enthusiastic scientific friend, adviser, and co-worker, the beloved niece of the late Dr. Hugh Falconer, F.R.S.

H. W.



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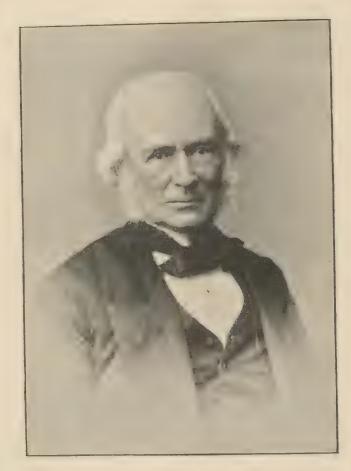
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Professor Joseph Prestwich, D.C.L., F.R.S., F.G.S., F.C.S., Assoc. Inst. C.E., Corr. Inst. France, etc., etc.

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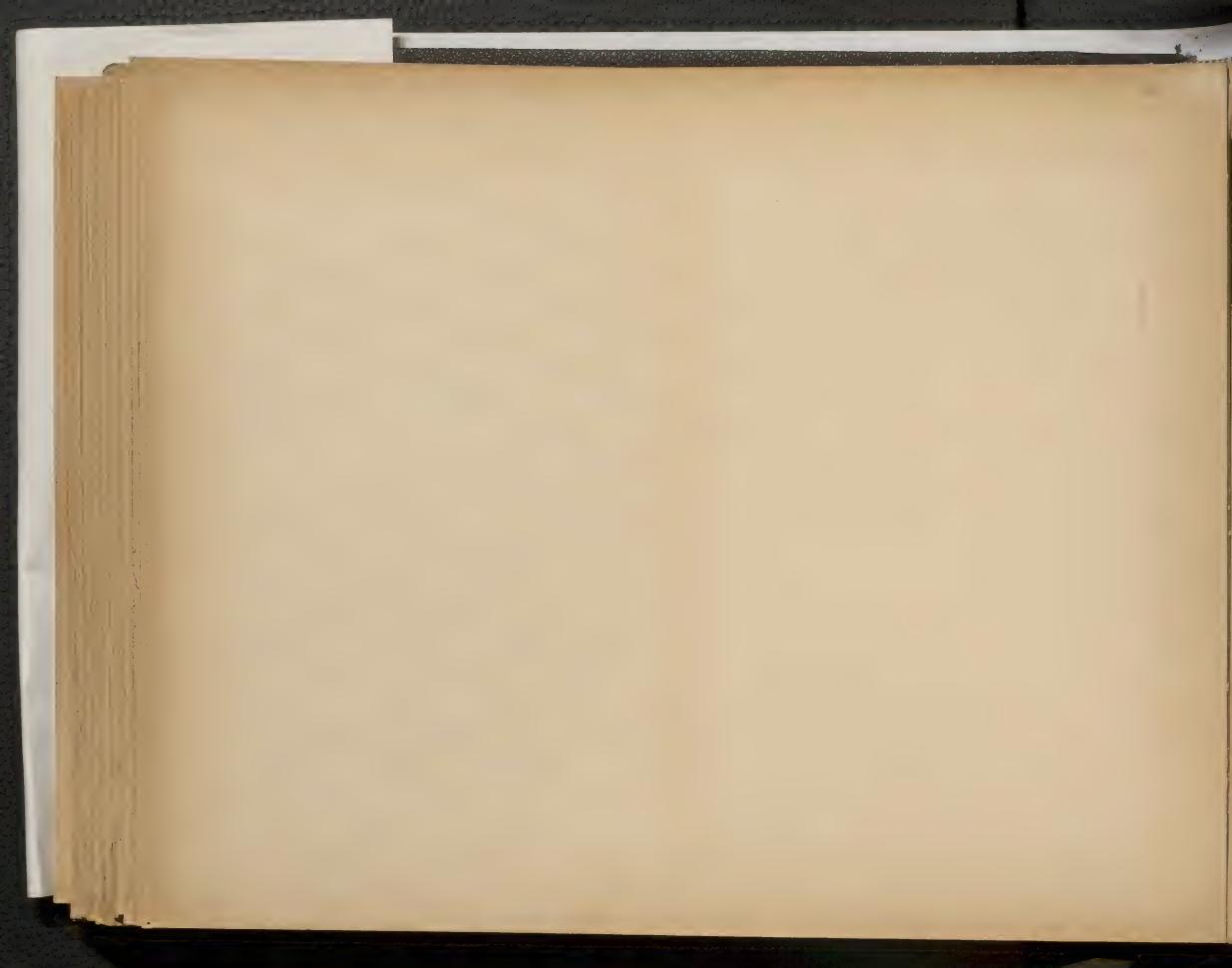
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Annual Subscription & Jak Preses

Head Quarters.

Arts Club, Hanover Square: W.

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> of President for 27 1, cars. Sudied on may 3rd 1902.

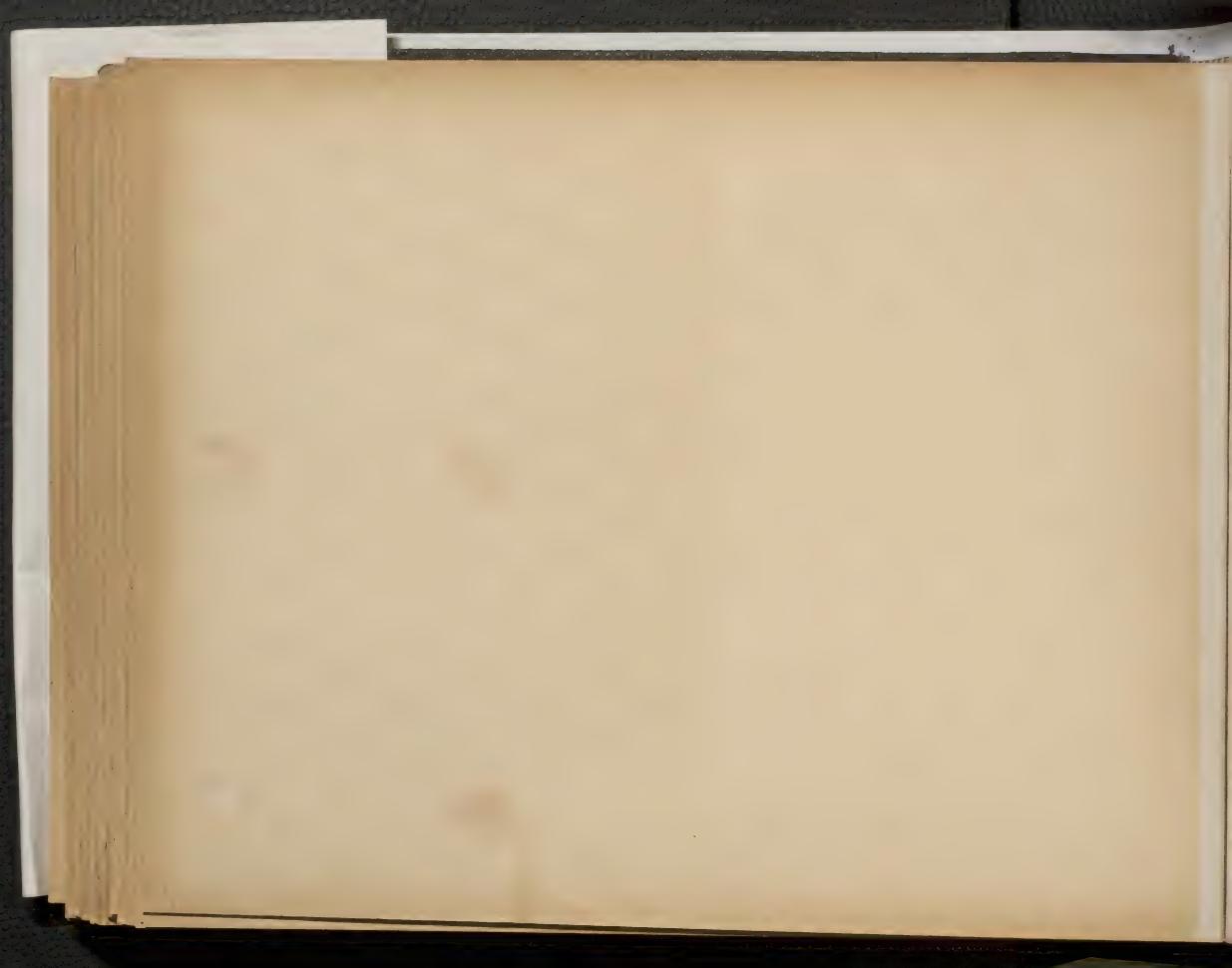


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mansel. Pleydell, John Clavell Jel., Jel., Born 1817.

She was educated at It Johns College Cambridge, & was an enthurastic geologist & a makeralist in the widest same of the word. He was the originator of the of the Dorset Field Club, & held the office- of President for 27 years.

He hed on may 3rd 1902.



Professor Slexis Pavlow thanks

Mrs Henry Woodward very heartely

for her kind invitation and

regrets very much being make

to see her and Dr Henry Woodward

on Thursday 17th September.

On that day he must be at

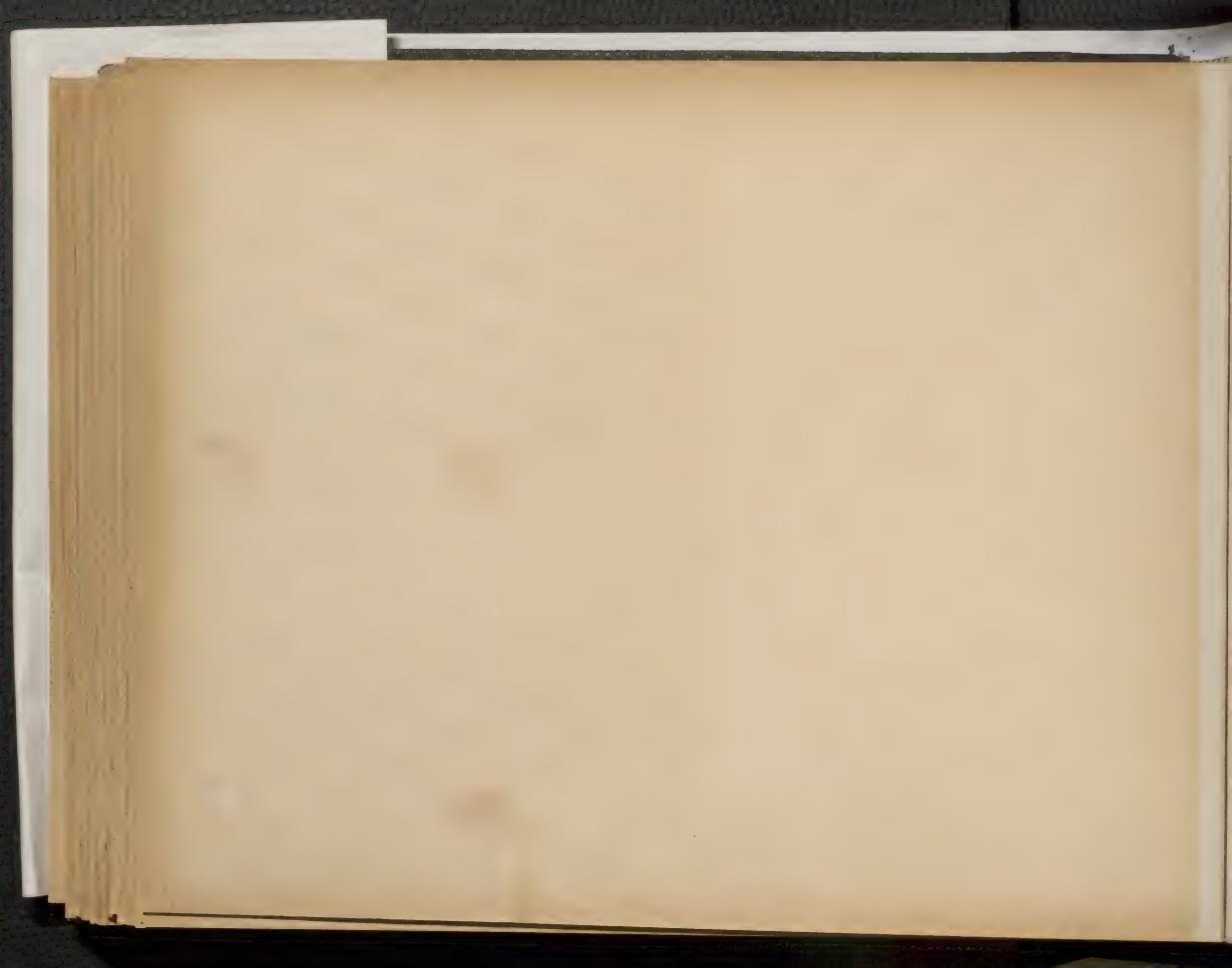
Moscow.

My Dear dir.

Tan bending to your adress of a parcel containing copies of my and Mi g.W. Lamplugh: Work " Arysles de Speston". Thops you will be so kind as to distribute.

Then accessing to indications

Tam impatiently expecting



this work, you have so knowly promised to publish into Geolo yieal Magazine.

James very respectfully

1. 1312



PROF. E. B. POULTON, F. R. S. PROF. E. B. POULTON.

Prof. Edward Bagnall Poulton, F.R. S., Hon. LL.D. Princeton. Hope, Professor of Zoology in the University of Oxford, was born in Reading, January 27, 1856, and was educated in a privatus school and in Jesus College, Oxford. He has published a number of scientific works, including "The Colors of Animals" and "Charles Darwin and the Theory of Natural Selection."

1



Reswallie Forfar 13 June 1887

Dear D: Woodward

Allow me to renews a long interupted although by he means forgatten friends hep by a short & at present very empiret ratice of what I consider

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Several severe attacks of a danger our



PROF. E. B. POULTON, F. R. S. PROF. E. B. POULTON.

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& serious character, along with the accompanying injurmities of old age have have for a good few poused years have caused the almost entire discontinuance of active Enearcher am onget our rocks, & this altho' I had heard of the discovery of what was Called a very entire specimen of Plengotus. yet I paid but little attention to this, as I had already seen there a considerable Kumber of very & rather complete opece = hierts of Ferry solus, but which, altho in Several instances showing the entire body of that creature, encluding head plate & Colson, yet, being entirely distitute of the appendages, rewealed nothing news, I was Therefore all the more very prised & gratified to find the vo called thry gatus a fine sty = Concerns exhibiting vome characteristics which I think news - The rough pen & out shetch appended is entirely memory, & as I look he measures hor even counted the Vegments, ih cannot be considered as at all a correct representation, but may vouse In the meantime to give a talerable idea of

of the general appearance of the creature, The head love ge & roughly oguare, the body long is nour aw, dimishing the breadle from Where it is the car apace to the tels on, which is long & then - The appendages on one vide are entire & consest of two long & thin, dointed continua, &, what I think new, a Thank & staut, what I presume had been The vivim ming limb ("a" in my fig) - another new leature is the two (6" be in jig) plates, vom swhat of shape given, lying alongside of & extending from the rook of the telson ab" half its length dawn wards, there in my opinion are represented in come of the bery minute crustace. It is no in the truce = gum entary appendages on which are carried the opawn - rea - of the creature -The entire lingth I who think to be from 18 inches to two feet - The precimens of Thory gates referred to varied in length from 3 to 5 feet -

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PROF. E. B. POULTON, F. R. S. PROF. E. B. POULTON.

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more correct sketch - ruch that should you think it diserving so much notice you bright lay in before the geal. Soa's I think this find may interesh the author of the very valuable & full monograph of Meros Tomata for the Palaon lagraph. Soc 9 With kind regards & rememes cences " wer way sendrely yours Jafonnie >

George Vivian Poore, In D., Professor of medical puris prudence & Clinical Inedicine, University Coll. Landon since 1876. Born at andover 23rd Sep. 1843. Educated at the Royal haval School, her Cross, & at university College London. Surgeon to the " Great - Pastern" I.I. whilst langing the Atlantic Cable 1866. Inedical attendant to the late Duke of Albany 1870-71 4 the Prince of Wales 1842, received the Dannebrog for Jerojessional veroices do Princess Thypa, Buchess of Comber. Cand 1842. Physician University College Stospital 1876. Secretary. · General to the Shuitary Congress 1891. 1c. Das soritten Essayson Bural Lygione 1893 1 various office torpers.

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George Vivian Poore, In D. Professor of medical puris presence & Clinical meditions thinversity Coll. Landon wice 1870. Born at undover 23rd Sep. 1843. Educated at the Royal Maral School, hers Cross, & at university College London Irryeare to the " Great - 9 astern" I'. whilst longing the Atlantic cable 1866. Inedical attendant to the lake Duke of Albany 1870 71 4 the Prince of Wales 1872, received the Dannellrog for perofessional terrices de Princess Thigha Dichess of Comber - lund 1842 Physician huversely college Stospital 1876. Secretary - Ciciera to the Shuiting Congress 1891 10 Das soriller Essayson Brund Stygiamed 1893 & various office profiers.

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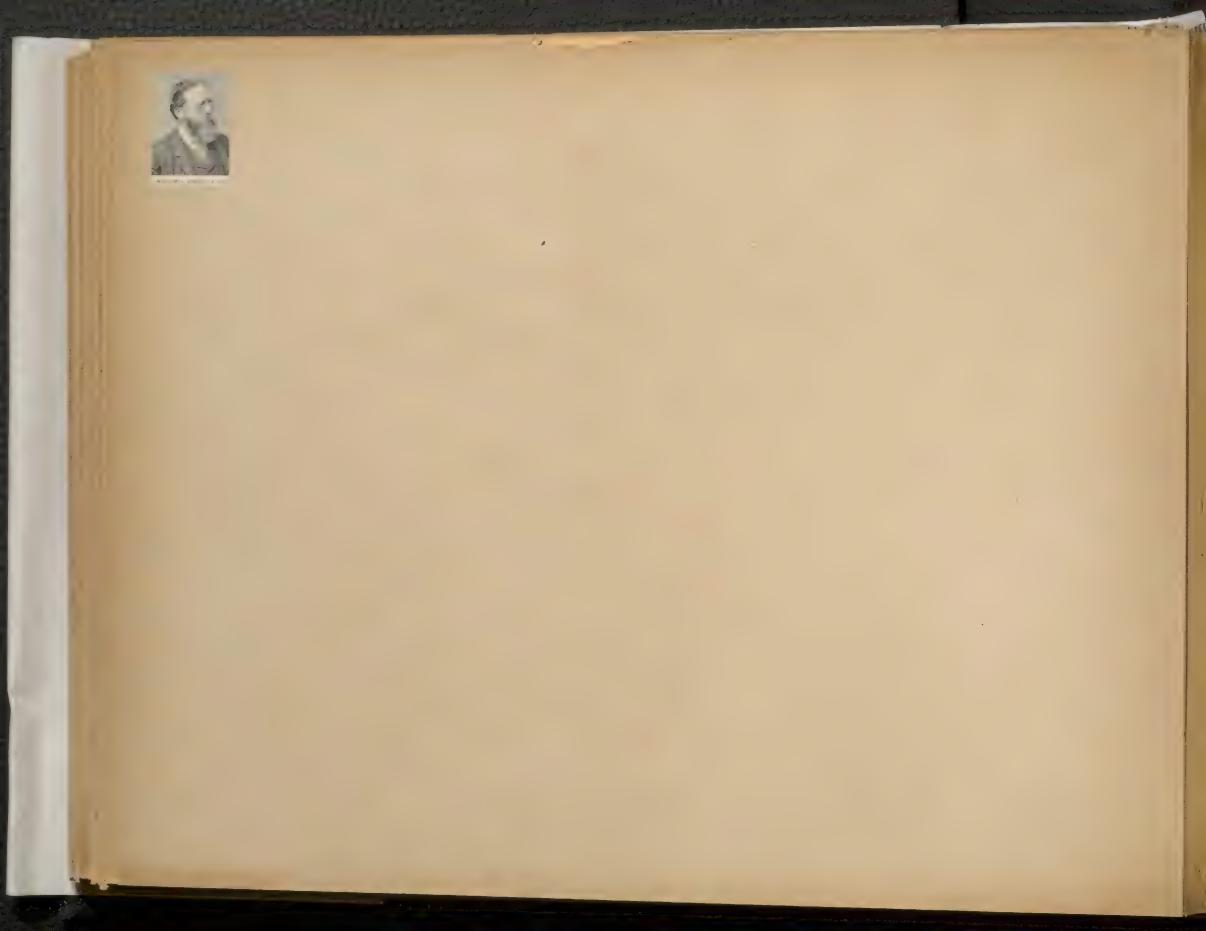
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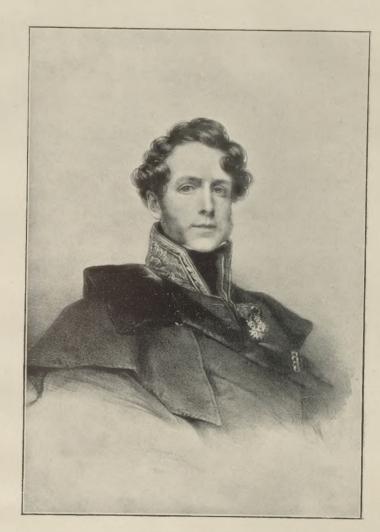
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M. BOUCHER DE PERTHES.

